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Shei et al.

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## (54) HOLDING OR COOKING OVEN

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This patent is subject to a terminal disclaimer.

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## Related U.S. Application Data

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(51) Int. Cl.<sup>7</sup> ..... **F24C 7/04; F27B 5/02; A47J 36/24**(52) U.S. Cl. ..... **219/399; 219/385; 219/394;****99/483**(58) Field of Search ..... **219/399, 385, 219/394, 428; 99/483; 222/146.5; 220/345.1, 351**

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## (57) ABSTRACT

An oven for maintaining cooked foods at temperatures suitable for serving the foods or even for cooking foods has a cabinet containing multiple heat sinks of channel-shaped configuration. The ends of the heat sinks open out of the cabinet, so that any heat sink may receive a tray of food from either the front or back of the cabinet. The interior surface of the heat sinks generally conform to the cross-sectional shapes of the trays, so that the heat sinks lie along the bottoms and sides of the trays. The heat sinks have a heating elements extended along their sides and bottoms for elevating the temperature of the heat sinks and directing heat into the trays within the heat sinks. In addition, each heat sink also contains a cover which may close the top of the tray in the heat sink and thereby retard the escape of moisture from the tray or may vent the interior of the tray.

22 Claims, 6 Drawing Sheets

